

Art Unit: 1635

(FILE 'HOME' ENTERED AT 14:34:07 ON 16 MAR 2004)

FILE 'MEDLINE' ENTERED AT 14:34:13 ON 16 MAR 2004

- L1 42228 SEA PLU=ON TRANSGENIC
- L2 107 SEA PLU=ON L1 AND (PLASMODI? OR MALARIA?)
- L3 1 SEA PLU=ON L2 AND (MILK OR MAMMARY)  
D BIB AB 1
- L4 35 SEA PLU=ON (PLASMODI? OR MALARIA?) AND (VACCINE OR  
VACCINA? )  
AND GLYCOSYL?  
D TI 1-35
- L5 4 SEA PLU=ON L4 AND MSP1  
D BIB AB 1-4
- L6 4 SEA PLU=ON L4 AND MSP-1  
D BIB AB 1-4

FILE 'CAPLUS, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH' ENTERED AT  
14:46:19  
ON 16 MAR 2004

- L7 62 SEA PLU=ON L3 OR L5 OR L6
- L8 38 DUP REM L7 (24 DUPLICATES REMOVED)  
D TI 1-38
- L9 32 SEA PLU=ON L8 AND (MSP1 OR MSP-1 OR MEROZOITE SURFACE  
PROTEIN)  
D TI 1-32  
D BIB AB 8 14 16 17 18 22 24 26 27 30

(FILE 'HOME' ENTERED AT 15:32:51 ON 17 MAR 2004)

FILE 'MEDLINE' ENTERED AT 15:32:57 ON 17 MAR 2004

- L1 23 SEA PLU=ON VACCINE AND GLYCOSYL? AND (NONGLYCOSYL? OR  
UNGLYCOSYL?)  
D TI 1-23  
D BIB AB 14 17-19 21 22
- L2 5 SEA PLU=ON RECOMBINANT? AND EXPRESS? AND MILK AND  
GLYCOSYL?  
AND (UNGLYCOSYL? OR NONGLYCOSYL?)  
D BIB AB 1-5

FILE 'CAPLUS, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH' ENTERED AT  
15:40:17  
ON 17 MAR 2004

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L3 18 SEA PLU=ON L2  
L4 8 DUP REM L3 (10 DUPLICATES REMOVED)  
D BIB AB 1-8  
L5 0 SEA PLU=ON VIVAX AND FALCIPARUM AND GLYCOSYL AND  
(MEROZOITE  
OR MSP1 OR MSP-1)  
L6 28 SEA PLU=ON VIVAX AND FALCIPARUM AND GLYCOSYL? AND  
(MEROZOITE  
OR MSP1 OR MSP-1)  
L7 12 DUP REM L6 (16 DUPLICATES REMOVED)  
D BIB AB 1-12

FILE 'MEDLINE' ENTERED AT 15:58:51 ON 17 MAR 2004

L8 7 SEA PLU=ON VIVAX AND FALCIPARUM AND GLYCOSYL? AND  
(MEROZOITE  
OR MSP1 OR MSP-1)  
D BIB AB 1-7  
L9 18 SEA PLU=ON PROTEIN AND EXPRESS? AND GLYCOSYLAT? AND  
(NONGLYCOS  
YLAT? OR UNGLYCOSYLAT?) AND YIELD  
D TI 1-18  
L10 6 SEA PLU=ON GLYCOSYLATION AND PLASMODIUM AND MAMMALIAN  
D BIB AB 1-6

FILE 'CAPLUS, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH' ENTERED AT  
16:04:04  
ON 17 MAR 2004

L11 28 SEA PLU=ON L10  
L12 16 DUP REM L11 (12 DUPLICATES REMOVED)  
D TI 1-16  
D BIB AB 8 11 14

FILE 'STNGUIDE' ENTERED AT 16:08:11 ON 17 MAR 2004

FILE 'MEDLINE, CAPLUS, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH'  
ENTERED AT

16:08:58 ON 17 MAR 2004

L13 34 SEA PLU=ON PARASITE AND MAMMAL? AND EXPRESS? AND  
GLYCOSYL?  
AND (PATTERN OR FREQUENCY)  
L14 16 DUP REM L13 (18 DUPLICATES REMOVED)  
D TI 1-16  
D BIB AB 6

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(FILE 'HOME' ENTERED AT 09:21:46 ON 18 MAR 2004)

FILE 'MEDLINE' ENTERED AT 09:21:54 ON 18 MAR 2004

L1 406 SEA PLU=ON ("A+T" OR AT) (1W) CONTENT  
 L2 18 SEA PLU=ON L1 AND PLASMODI?  
 L3 0 SEA PLU=ON L2 AND OPTIMIZ?  
 L4 0 SEA PLU=ON L2 AND OPTIMI?  
 L5 4 SEA PLU=ON L1 AND EXPRESS? AND OPTIM? AND CODON  
 D IB AB 1-4

FILE 'CAPLUS, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH' ENTERED AT  
 09:25:39

ON 18 MAR 2004

L6 9 SEA PLU=ON L5  
 L7 6 DUP REM L6 (3 DUPLICATES REMOVED)  
 D BIB AB 1-6

S #	Updt	Database	Query	Time	Commen
<u>S11241</u>	<u>U</u>	PGPB,USPT,USOC,EPAB,JPAB,DWPI	yield\$ same recombinant same express\$ same glycosyl\$ same (nonglycosyl\$ or unglycosyl\$)	2004- 03-18 09:07:55	
<u>S11240</u>	<u>U</u>	PGPB,USPT,USOC,EPAB,JPAB,DWPI	yield same recombinant same express\$ same glycosyl\$ same (nonglycosyl\$ or unglycosyl\$)	2004- 03-18 09:07:46	

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<u>S11239</u>	<u>U</u>	PGPB,USPT,USOC,EPAB,JPAB,DWPI	recombinant same express\$ same glycosyl\$ same (nonglycosyl\$ or unglycosyl\$)	2004-03-18 09:07:32
<u>S11238</u>	<u>U</u>	PGPB,USPT,USOC,EPAB,JPAB,DWPI	glycosyl\$ same (nonglycosyl\$ or unglycosyl\$)	2004-03-18 09:07:11
<u>S11237</u>	<u>U</u>	PGPB,USPT,USOC,EPAB,JPAB,DWPI	5304489.pn.	2004-03-18 08:58:44
<u>S11236</u>	<u>U</u>	PGPB,USPT,USOC,EPAB,JPAB,DWPI	5304489.pn.	2004-03-18 08:58:44
<u>S11235</u>	<u>U</u>	PGPB,USPT,USOC,EPAB,JPAB,DWPI	5856178.pn. and whey	2004-03-18 08:57:11
<u>S11234</u>	<u>U</u>	PGPB,USPT,USOC,EPAB,JPAB,DWPI	promoter same casein same (goat or caprine)	2004-03-18 08:39:51
<u>S11233</u>	<u>U</u>	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	alpha-ovalbumin	2004-03-18 07:56:07
<u>S11232</u>	<u>U</u>	USPT	(5304489 or 5633076).pn. and promoter	2004-03-18 07:50:41
<u>S11231</u>	<u>U</u>	USPT	4873316.pn. and promoter	2004-03-18 07:44:50
<u>S11224</u>	<u>U</u>	USPT	5231168.pn. and (merozoite or msp)	2004-03-17 19:21:31

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<u>S11223</u> <u>U</u> USPT	6041253.pn.	2004-03-17 18:16:43
<u>S11222</u> <u>U</u> USPT	4873316.pn. and gamete	2004-03-17 17:15:53
<u>S11221</u> <u>U</u> USPT	4873316.pn. and germ	2004-03-17 17:15:10
<u>S11220</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	transgen\$.clm. and (milk or mammary).clm. and (antigen or vaccine).clm.	2004-03-17 16:56:06
<u>S11219</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	5231168.pn. and pig	2004-03-17 16:30:12
<u>S11218</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	52311687.pn. and pig	2004-03-17 16:29:58
<u>S11217</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	6372443 and \$glycosyl\$	2004-03-17 14:11:22
<u>S11216</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	(msp or msp1 or merozoite) and (malaria\$ or plasmodi\$) and transgenic and (glycosylation same (eliminat\$ or remov\$))	2004-03-17 14:02:48
<u>S11215</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	(malaria\$ or plasmodi\$) and transgenic and (glycosylation same (eliminat\$ or remov\$))	2004-03-17 14:02:16
<u>S11214</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	transgenic and (glycosylation same (eliminat\$ or remov\$))	2004-03-17 14:01:41

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<u>S11213</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	vaccine and (glycosylation same asparagine same glutamine same substitut\$) and plasmodi\$	2004-03- 17 13:58:27
<u>S11212</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	vaccine and (glycosylation same asparagine same glutamine same substitut\$)	2004-03- 17 13:58:02
<u>S11211</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	vaccine and (glycosylation same asparagine same glutamine)	2004-03- 17 13:57:48
<u>S11210</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	vaccine and (glycosylation same asparagine same glutamine)	2004-03- 17 13:57:38
<u>S11209</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	promoter same casein same (caprine or goat) and transgenic and milk	2004-03- 17 13:42:49
<u>S11208</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	promoter same casein same (caprine or goat)	2004-03- 17 13:42:24
<u>S11207</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	((goat or caprine) and (bovine or cow) and (porcine or pig) and mouse and (ovine or sheep)) and 5530177.pn. (casein or lactoglobulin or whey)	2004-03- 17 13:35:10
<u>S11206</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	promoter same (beta casein and lactoglobulin and whey acid\$ and casein)	2004-03- 17 13:33:42
<u>S11205</u> <u>U</u> USPT	5530177.pn. (-----)	2004-03- 17

	(casein or lactoglobulin or whey)	17 13:30:26
<u>S11204</u> <u>U</u> USPT	5530177.pn. and promoter	2004-03- 17 13:29:37
<u>S11203</u> <u>U</u> USPT	5530177.pn.	2004-03- 17 13:29:33
<u>S11202</u> <u>U</u> USPT	transgenic.clm. and (milk or mammary).clm. and (antigen.clm. or vaccine.clm.)	2004-03- 16 15:28:32
<u>S11201</u> <u>U</u> USPT	transgenic.clm. and (milk or mammary).clm. and (antigen.clm or vaccine.clm.)	2004-03- 16 15:28:20
<u>S11200</u> <u>U</u> USPT	transgenic.clm. and (milk or mammary).clm.	2004-03- 16 15:27:46
<u>S11199</u> <u>U</u> USPT	transgenic.clm. and (plasmodi\$ or filari\$).clm.	2004-03- 16 14:33:53
<u>S11198</u> <u>U</u> USPT	transgenic.clm. and parasite.clm.	2004-03- 16 14:32:14
<u>S11197</u> <u>U</u> USPT	transgenic.clm. and parasite and (milk or mammary).clm.	2004-03- 16 14:30:51
<u>S11196</u> <u>U</u> USPT	transgenic.clm. and parasite	2004-03- 16 14:30:24